

REQUEST FOR QUOTATION (THIS IS NOT AN ORDER)			THIS RFO <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE		PAGE 1 OF 8 PAGES	
1. REQUEST NO. N65540-05-Q-0075		2. DATE ISSUED 05 JAN 06		3. REQUISITION/PURCHASE REQUEST NO. 93320 43365249		4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1
5a. ISSUED BY CONTRACTING OFFICER NSWC CARDEROCK DIVISION				6. DELIVER BY (Date) 05 MAR 31		
5b. FOR INFORMATION CALL (NO COLLECT CALLS)				7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)		
NAME 5001 S. BROAD STREET, CODE 335 PHILADELPHIA, PA 19112-1403 STACEY THOMPSON		TELEPHONE NUMBER AREA CODE NUMBER 215 897-7160 FAX: 215 897-7160		9. DESTINATION N65540		
8. TO:				a. NAME OF CONSIGNEE NAVAL BUSINESS CENTER RECEIVING OFFICER, FISC, NSWC CARDEROCK DIVISION		
a. NAME		b. COMPANY		b. STREET ADDRESS 1601 LANGLEY AVENUE BLDG 542 E		
c. STREET ADDRESS				c. CITY PHILA.		
d. CITY		e. STATE	f. ZIP CODE	d. STATE PA		e. ZIP CODE 19112-5051
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5A ON OR BEFORE CLOSE OF BUSINESS (Date) 05 JAN 29			IMPORTANT: This is a request for information and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5A. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.			
11. SCHEDULE (Include applicable Federal, State and local taxes)						
ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	
0001	REQN. NO. 93320 /43365249 ITEM NAME: CRADLE ASSEMBLY - 250-KS4 ENGINE AS PER DRAWING#'S 7613153, 7661800,7661612,AND 7661801. 18 SHEETS	30	EA			
12. DISCOUNT FOR PROMPT PAYMENT		a. 10 CALENDAR DAYS (%)		b. 20 CALENDAR DAYS (%)		c. 30 CALENDAR DAYS (%)
						d. CALENDAR DAYS NUMBER PERCENTAGE
NOTE: Additional provisions and representations <input type="checkbox"/> are <input type="checkbox"/> are not attached						
13. NAME AND ADDRESS OF QUOTER				14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION
a. NAME OF QUOTER						
b. STREET ADDRESS				16. SIGNER		
c. COUNTY				a. NAME (Type or print)		b. TELEPHONE
d. CITY				e. STATE f. ZIP CODE		AREA CODE
				c. TITLE (Type or print)		NUMBER

CONTINUATION SHEET

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SECTION F TIME OF DELIVERY

DELIVERIES SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS

ITEM	QUANTITY	DELIVERY REQUIRED
0001	30 EA	05-MAR-31

52.213-4 Terms and Conditions--Simplified Acquisitions (Other Than Commercial Items) (OCT 2004)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) and Defense Federal Acquisition Regulation Supplement (DFARS) clauses that are incorporated by reference:

- (1) The clauses listed below implement provisions of law or Executive order:
 - (i) 52.222-3, Convict Labor (June 2003) (E.O. 11755).
 - (ii) 52.222-21, Prohibition of Segregated Facilities (Feb 1999) (E.O. 11246).
 - (iii) 52.222-26, Equal Opportunity (Apr 2002) (E.O. 11246).

(iv) 52.225-13, Restrictions on Certain Foreign Purchases (Dec 2003) (E.O.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(v) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

(vi) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78)

(2) Listed below are additional clauses that apply:

(i) 252.204-7003, Control of Government Personnel Work Product (Apr 1992)

(ii) 52.232-1, Payments (Apr 1984).

(iii) 52.232-11, Extras (Apr 1984).

(iv) 52.233-1, Disputes (Jul 2002).

(v) 252.243-7001 Pricing of Contract Modifications (Dec 1991)

(vi) 52.244-6, Subcontracts for Commercial Items (Jul 2004).

(vii) 52.253-1, Computer Generated Forms (Jan 1991).

(b) The Contractor shall comply with the following FAR and DFARS clauses, incorporated by reference, unless the circumstances do not apply:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (Jun 2004) (E.O. 13126). (Applies to contracts for supplies exceeding the micro-purchase threshold.)

(ii) 52.222-20, Walsh-Healey Public Contracts Act (Dec 1996) (41 U.S.C. 35-45) (Applies to supply contracts over \$10,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212) (Applies to contracts of \$25,000 or more).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793). (Applies to contracts

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over \$10,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, United States includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(v) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212) (Applies to contracts of \$25,000 or more).

(vi) 52.222-41, Service Contract Act of 1965, As Amended (May 1989) (41 U.S.C. 351, et seq.) (Applies to service contracts over \$2,500 that are subject to the Service Contract Act and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer continental shelf lands).

(vii) 52.223-5, Pollution Prevention and Right-to-Know Information (Aug 2003) (E.O. 13148) (Applies to services performed on Federal facilities).

(viii) 252.225-7001, Buy American Act and Balance of Payments Program (Apr 2003) (Applies to all contracts for supplies unless an exception is authorized by DFARS 225.1101(2) (i) through (iv)).

(ix) 252.225-7013, Duty-Free Entry (Apr 2003) (Applies to all contracts for supplies except for those supplies that will not enter the customs territory of the United States).

(x) 52.232-33, Payment by Electronic Funds Transfer-- Central Contractor Registration (Oct 2003). (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the Central Contractor Registration (CCR) database as its source of EFT information.)

(xi) 52.232-34, Payment by Electronic Funds Transfer-- Other than Central Contractor Registration (May 1999). (Applies when the payment will be made by EFT and the payment office does not use the CCR database as its source of EFT information.)

(xii) 252.247-7023, Transportation of Supplies by Sea (May 2002) Alternate III (May 2002) (Applies when transporting any supplies by sea under this contract.)

(2) Listed below are additional clauses that may apply:

(i) 52.204-7, Central Contractor Registration (Oct 2003) (Applies to all contracts unless an exception is authorized by FAR 4.1102(a).)

(ii) 252.204-7004, Alternate A (Nov 2003) (Applies if FAR 52.204-7 is applicable.)

(iii) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (July 1995) (Applies to contracts over \$25,000).

(iv) 52.211-5 Material Requirements (Aug 2000) (Applies to contracts for supplies that are not commercial items).

(v) 52.211-17, Delivery of Excess Quantities (Sept 1989) (Applies to fixed-price supplies).

(vi) 252.225-7002, Qualifying Country Sources as Subcontractors (Apr 2003) (Applies if the contract is subject to the DFARS clause 252.225-7001, Buy American Act and Balance of Payments Program (see (b) (1) (viii) above)).

(vii) 52.243-1, Changes--Fixed Price (Aug 1987) (Applies to fixed-price contracts for supplies).

(viii) 52.243-1, Changes--Fixed Price (Aug 1987) Alternate I (Apr 1984) (Applies to fixed price contracts for

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services, other than architect-engineer or other professional services, and no supplies are to be furnished).

(ix) 52.243-1, Changes--Fixed Price (Aug 1987) Alternate II (Apr 1984) (Applies to fixed price contracts for services (other than architect-engineer services, transportation, or research and development) and supplies are to be furnished).

(x) 52.243-1, Changes--Fixed Price (Aug 1987) Alternate V (Apr 1984) (Applies to fixed price contracts for research and development).

(xi) 52.247-29, F.o.b. Origin (Jun 1988) (Applies to supplies if delivery is f.o.b. origin).

(xii) 52.247-34, F.o.b. Destination (Nov 1991) (Applies to supplies if delivery is f.o.b. destination).

(xiii) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 1989) (Applies if the contract amount is expected to be over \$2,500 and the contract is subject to the clause 52.222-41, "Service Contract Act of 1965, As Amended" (see (b) (1) (vi) above)).

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for Information Only:

It is not a Wage Determination

Employee Class	Monetary Wage--Fringe Benefits
_____	_____
_____	_____
_____	_____

(xiv) 52.246-11 Higher-Level Contract Quality Requirement (Feb 1999) (Applies to contracts when the contracting officer finds it is in the Governments interest to require that higher-level quality standards be maintained and such standards are selected and identified in the clause).

The Contractor shall comply with the higher-level quality standard selected below. [If more than one standard is listed, the offeror shall indicate its selection by checking the appropriate block.]

	Title	Number	Date	Tailoring
*	_____	_____	_____	_____
*	_____	_____	_____	_____
*	_____	_____	_____	_____
*	_____	_____	_____	_____

[Contracting Officer insert the title, number (if any), date, and tailoring (if any) of the higher-level quality standards.]

(c) FAR 52.252-2, Clauses Incorporated by Reference (Feb 1998). This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

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FAR clauses - <http://www.arnet.gov/far/>
DFARS clauses - <http://www.acq.osd.mil/dp/dars/dfars.html>

(d) Inspection/Acceptance. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights--

(1) Within a reasonable period of time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(e) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(g) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(h) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of clause)

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VENDOR:

52.232-36 Payment by Third Party (May 1999)

(a) General. The Contractor agrees to accept payments due under this contract, through payment by a third party in lieu of payment directly from the Government, in accordance with the terms of this clause. The third party and, if applicable, the particular Governmentwide commercial purchase card to be used are identified elsewhere in this contract.

(b) Contractor payment request. In accordance with those clauses of this contract that authorize the Contractor to submit invoices, contract financing requests, other payment requests, or as provided in other clauses providing for payment to the Contractor, the Contractor shall make such payment requests through a charge to the Government account with the third party, at the time and for the amount due in accordance with the terms of this contract.

(c) Payment. The Contractor and the third party shall agree that payments due under this contract shall be made upon submittal of payment requests to the third party in accordance with the terms and conditions of an agreement between the Contractor, the Contractor's financial agent (if any), and the third party and its agents (if any). No payment shall be due the Contractor until such agreement is made. Payments made or due by the third party under this clause are not payments made by the Government and are not subject to the Prompt Payment Act or any implementation thereof in this contract.

(d) Documentation. Documentation of each charge against the Government's account shall be provided to the Contracting Officer upon request.

(e) Assignment of claims. Notwithstanding any other provision of this contract, if any payment is made under this clause, then no payment under this contract shall be assigned under the provisions of the assignment of claims terms of this contract or the Assignment of Claims Act of 1940, as amended, 31 U.S.C. 3727, 41 U.S.C. 15.

(f) Other payment terms. The other payment terms of this contract shall govern the content and submission of payment requests. If any clause requires information or documents in or with the payment request, that is not provided in the third party agreement referenced in paragraph (c) of this clause, the Contractor shall obtain instructions from the Contracting Officer before submitting such a payment request.

(End of clause)

Your quotation must include the following information:

Price list number and date

or

Cost breakdown by direct labor (list categories, hours and pay rates). In addition to the direct rates, provide the applicable indirect information (G&A), overhead, facilities capital cost of money (FCCM) and profit.

or

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VENDOR:

Applicable General Services Administration (GSA) contract number.

If unable to quote FOB, Destination, please complete the following:

FOB Point _____

Estimated Shipping Charge _____

Business size:

Large _____ Small _____ Nonprofit _____

Cage Code _____

Tax Identification Number (TIN) _____

DUNNS _____

ELIGIBILITY REQUIREMENTS

All contractors and individuals doing business with the Federal Government must be registered at the Contractor Central Registration Database located at:
<http://ccr.dlsc.dla.mil/>.

ELECTRONIC DISTRIBUTION OF CONTRACT DOCUMENTS

All contract award and contract modification documents will be distributed electronically using the Navy Air Force Interface (NAFI) system. The contractor's copy will be provided in portable document format (pdf) as an attachment to an e-mail that will be sent to the contractor by the NAFI system. A pdf file may be accessed using Adobe Acrobat Reader software. This is a free software that may be downloaded at:
<http://www.adobe.com/products/acrobat/readstep.html>

Provide the following information that will be used to make electronic distribution for any resultant contract:

Name of Point of Contact to Receive
Distribution _____

Phone Number for Point of Contact _____

E-Mail Address for Receipt of Distribution _____

USE OF THE GOVERNMENTWIDE COMMERCIAL PURCHASE CARD

Will you accept the Governmentwide Commercial Purchase Card as a method of purchasing supplies and/or services.

_____ Yes

_____ No

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VENDOR:

Will you accept the Governmentwide Commercial Purchase Card
as a method of payment for your invoice.

_____ Yes

_____ No

DUTY FREE ENTRY

Will any materials being shipped to the Government require a
duty-free entry certificate for foreign supplies.

_____ Yes

_____ No

If yes, please include dollar amount \$ _____

252.204-7004 Required Central Contractor Registration.
As prescribed in 204.7304, use the following clause:

REQUIRED CENTRAL CONTRACTOR REGISTRATION (MAR 2000)

(a) Definitions. As used in this clause^{3/4}

(1) "Central Contractor Registration (CCR) database" means the primary DoD repository for contractor information required for the conduct of business with DoD.

(2) "Data Universal Number System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet Information Services to identify unique business entities.

(3) "Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by Dun and Bradstreet plus a 4-digit suffix that may be assigned by a parent (controlling) business concern. This 4-digit suffix may be assigned at the discretion of the parent business concern for such purposes as identifying subunits or affiliates of the parent business concern.

(4) "Registered in the CCR database" means that all mandatory information, including the DUNS number or the DUNS+4 number, if applicable, and the corresponding Commercial and Government Entity (CAGE) code, is in the CCR database; the DUNS number and the CAGE code have been validated; and all edits have been successfully completed.

(b)(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee must be registered in the CCR database prior to award, during performance, and through final payment of any contract resulting from this solicitation, except for awards to foreign vendors for work to be performed outside the United States.

(2) The offeror shall provide its DUNS or, if applicable, its DUNS+4 number with its offer, which will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.

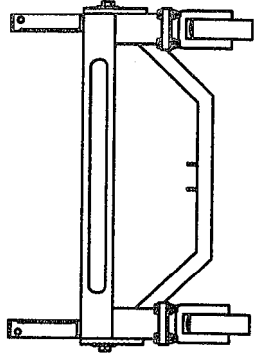
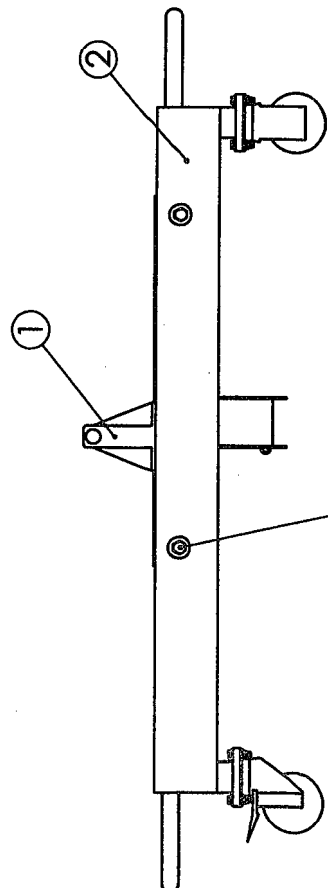
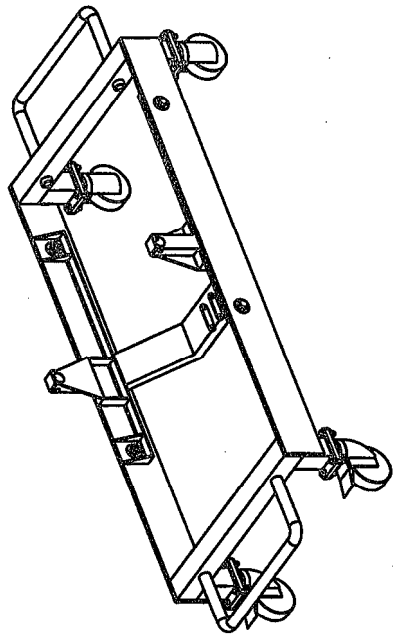
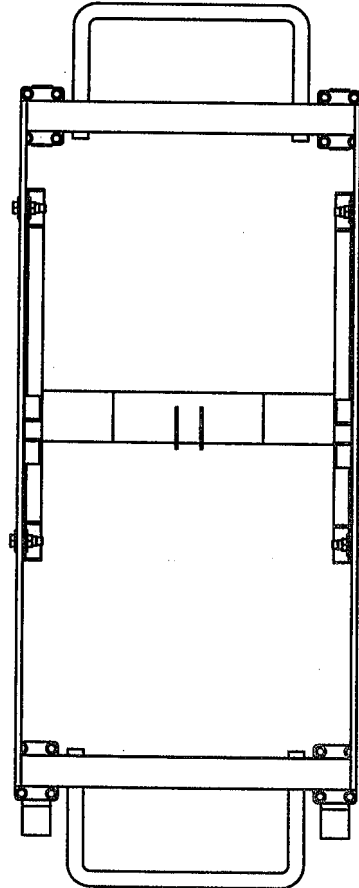
(3) Lack of registration in the CCR database will make an offeror ineligible for award.

(4) DoD has established a goal of registering an applicant in the CCR database within 48 hours after receipt of a complete and accurate application via the Internet. However, registration of an applicant submitting an application through a method other than the Internet may take up to 30 days. Therefore, offerors that are not registered should consider applying for registration immediately upon receipt of this solicitation.

(c) The Contractor is responsible for the accuracy and completeness of the data within the CCR, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to confirm on an annual basis that its information in the CCR database is accurate and complete.

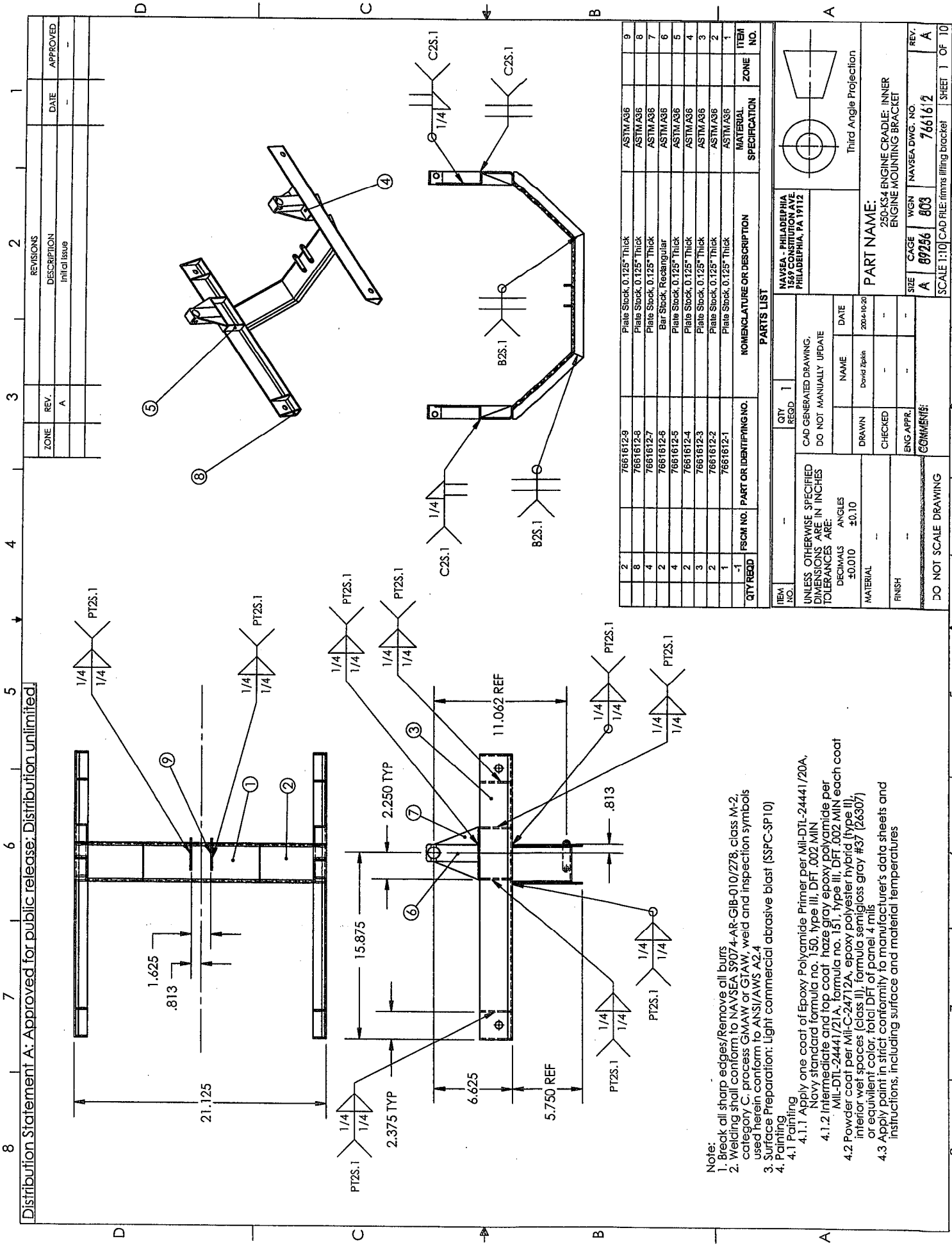
(d) Offerors and contractors may obtain information on registration and annual confirmation requirements by calling 1-888-227-2423, or via the Internet at <http://www.ccr2000.com>.

ZONE		REV.		REVISIONS		DATE		APPROVED	
A		A		Initial Issue		-		-	

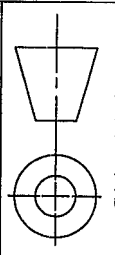


ITEM NO.	QTY REQD	1	2	3	4	5	6	7	8
4	56878	50FH-813	1/2"-13 Flex Top Lock Nut	CRES					
8	96906	MS15795-819	1/2" Bolt Flat Washer	CRES					
4	96906	MS33307-414	1/2"-13 x 1.75" Long Hex Head Cap Screw	CRES					
1	89256	7661800	250-KS4 Engine Cradle: Outer Engine Mounting Assembly						
1	89256	7661812	250-KS4 Engine Cradle: Inner Engine Mounting Bracket						
-1	FSCH NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	ZONE	ITEM		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ANGLES ±.005 ±.010		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		NAME David Tarkin		DATE 2004-10-20	
MATERIAL		CHECKED		DRAWN		2004-10-20	
FINISH		ENG APPR.		COMMENTS:			
DO NOT SCALE DRAWING							
PARTS LIST				NAVSEA - PHILADELPHIA 1629 CONSTITUTION AVE. PHILADELPHIA PA 19112			
PART NAME:				250-KS4 Engine Cradle: Assembly			
SCALE 1:1/2				CAGE WGN NAVSEA DWG. NO. REV. A 89256 803 7613153 A			
SHEET 1 OF 1				CAD FILE: lifting bracket assembly			



- Note:
1. Break all sharp edges/Remove all burrs
 2. Welding shall conform to NAVSEA S907.4-AR-GIB-010/278, class M-2, category C, process GMAW or GTAW, weld and inspection symbols used herein conform to ANSI/AWS A2.4
 3. Surface Preparation: Light commercial abrasive blast (SSPC-SP10)
 4. Painting
 - 4.1 Painting
 - 4.1.1 Apply one coat of Epoxy Polyamide Primer per MIL-DTL-24441/20A, Navy standard formula no. 150, type III, DFT .002 MIN
 - 4.1.2 Intermediate and top coat: haze gray epoxy polyamide per MIL-DTL-24441/21A, formula no. 151, type III, DFT .002 MIN each coat
 - 4.2 Powder coat per MIL-C-24712A, epoxy polyester hybrid (type II), interior wet spaces (class II), formula semigloss gray #37 (26307) or equivalent color, total DFT of panel 4 mils
 - 4.3 Apply paint in strict conformity to manufacturer's data sheets and instructions, including surface and material temperatures



Third Angle Projection

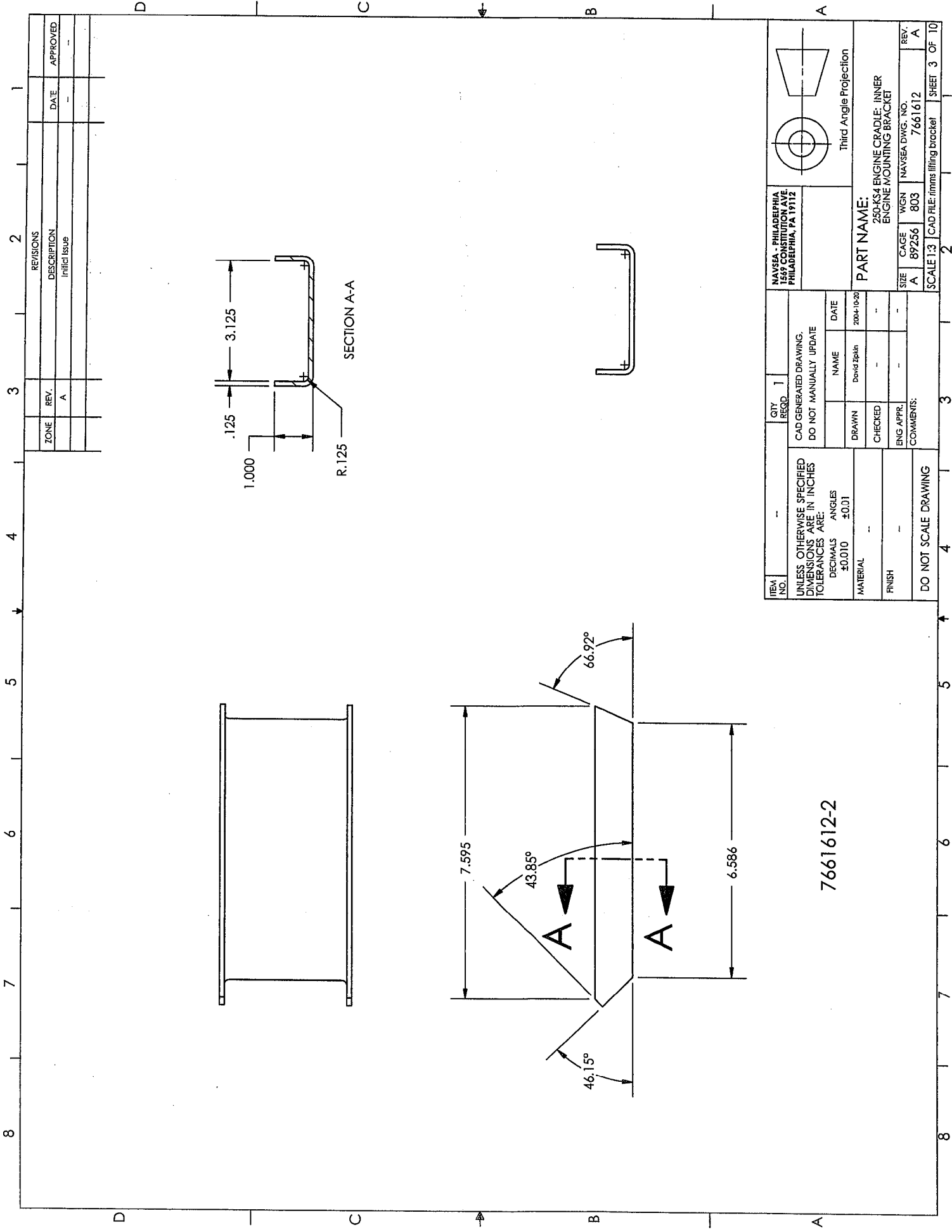
PART NAME:
250-K34 ENGINE CRADLE - INNER
ENGINE MOUNTING BRACKET

NAVSEA - PHILADELPHIA
1549 CONSTITUTION AVE
PHILADELPHIA, PA 19112

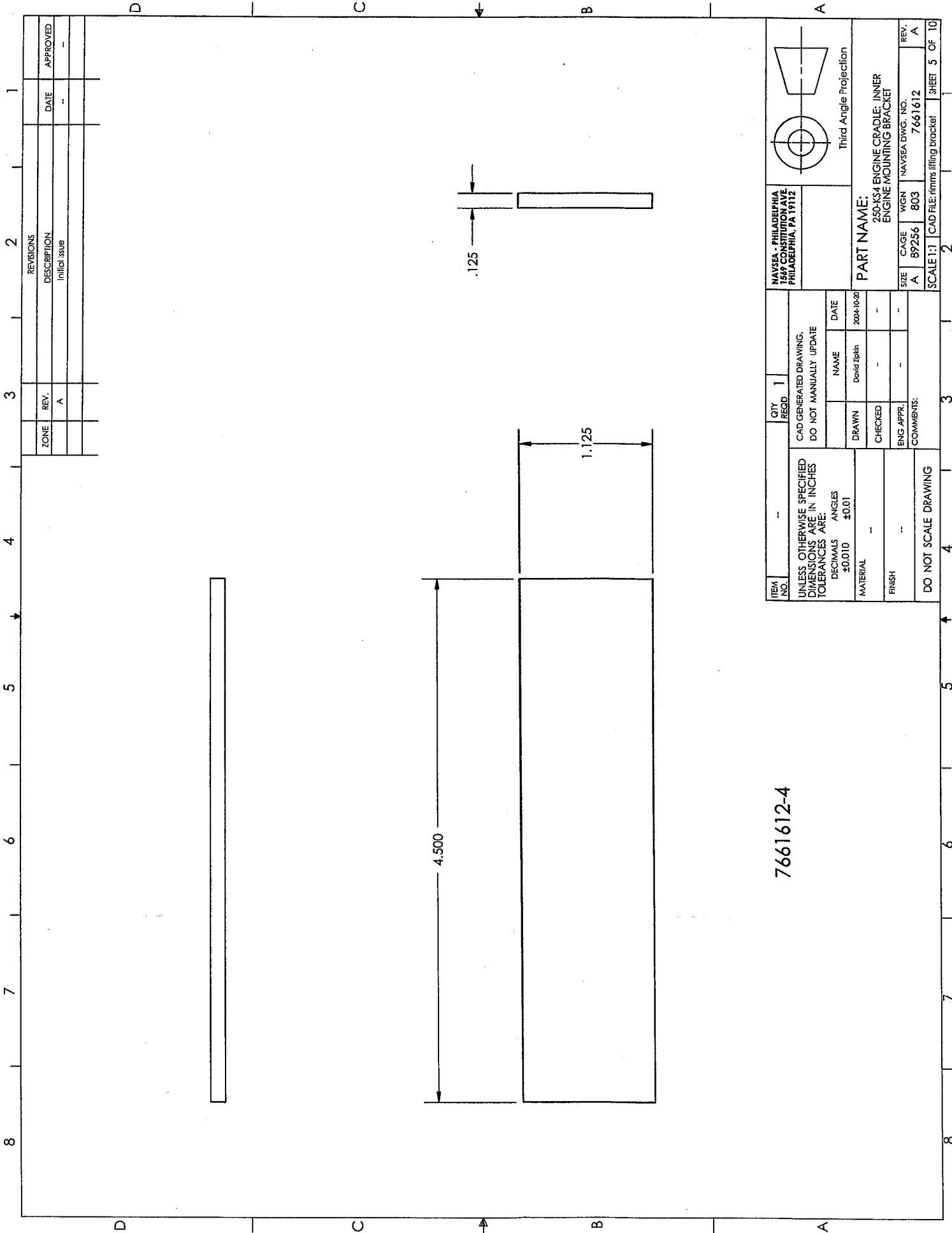
SIZE: A 89256 803
CAGE: 7661612
WGN: 7661612
REV: A

SCALE: 1:10 CAD FILE: rmmr lifting bracket

SHEET 1 OF 10

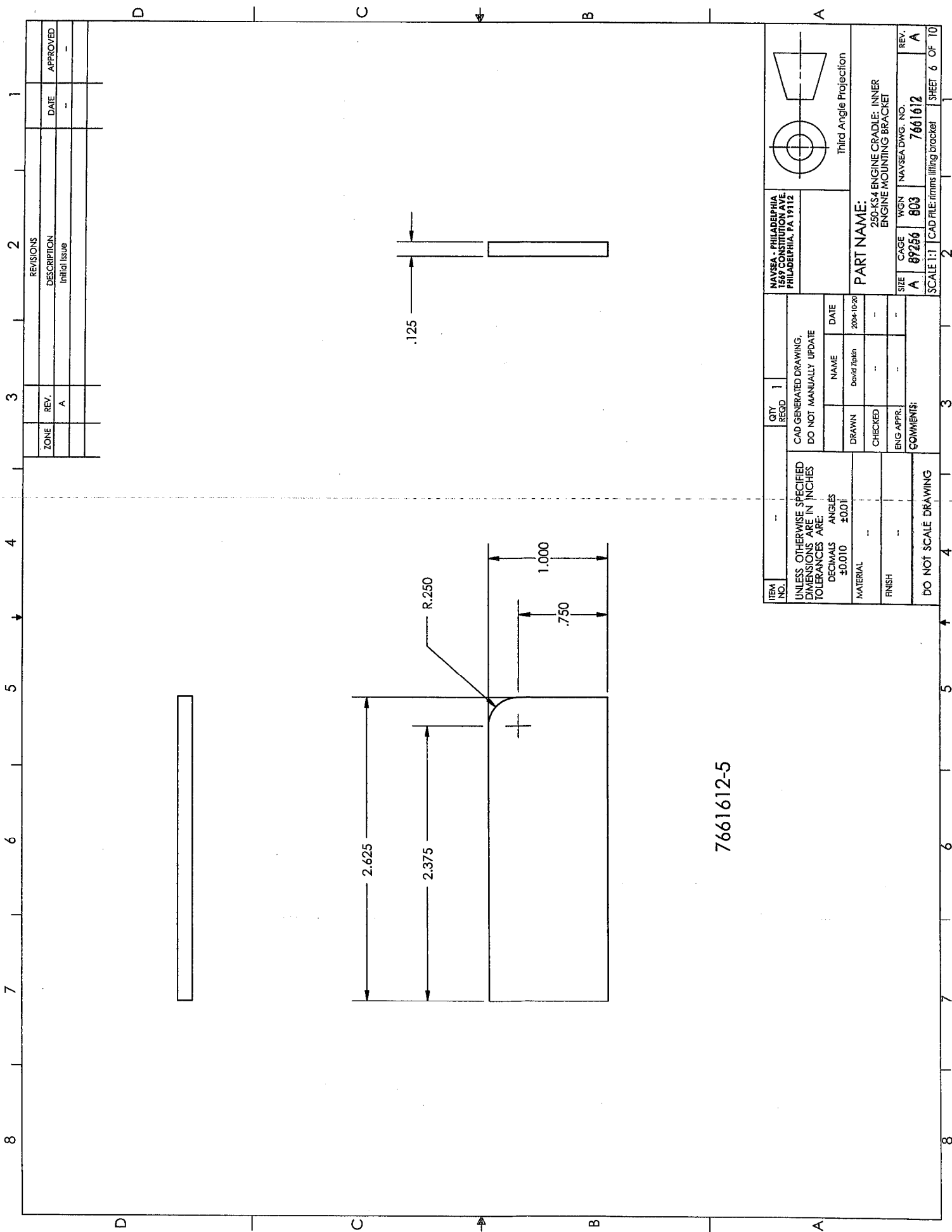


NAVSEA - PHILADELPHIA 1549 CONSTITUTION AVE PHILADELPHIA, PA 19112		QTY REQD 1		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ANGLES ±0.010 ±0.01	
PART NAME: 250-K34 ENGINE CRADLE: INNER ENGINE MOUNTING BRACKET		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		MATERIAL	
Third Angle Projection		NAME David Zepkin		DATE 2004-10-20	
SIZE A		GAGE 89236		FINISH	
WGN 803		CHECKED		DO NOT SCALE DRAWING	
NAVSEA DWG. NO. 7661612		ENG APPR.		COMMENTS:	
REV. A		SCALE 1:3		CAD FILE: inner_mfiling bracket	
SHEET 3 OF 10					

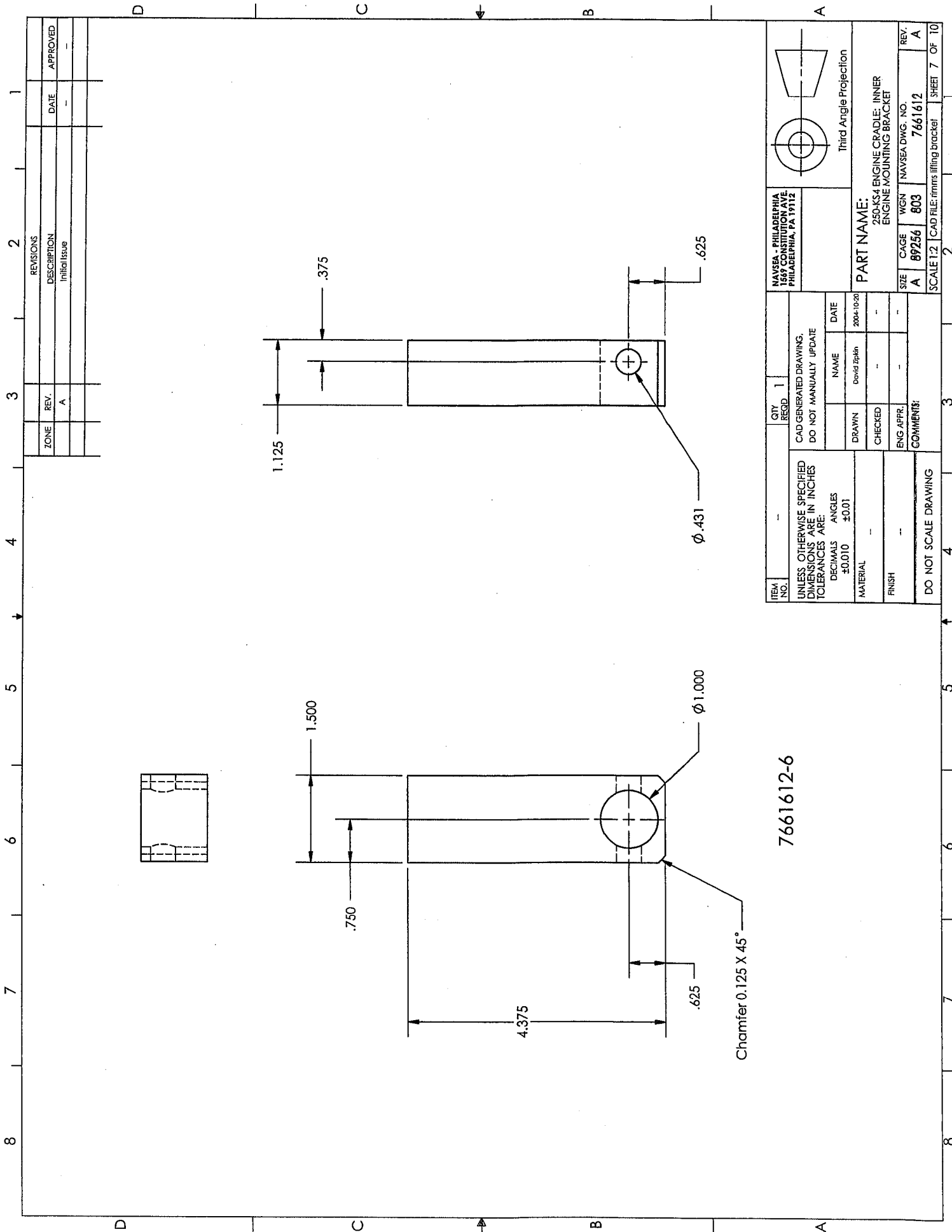


REVISIONS		DATE		APPROVED	
ZONE	REV.	DESCRIPTION		Initial Issue	
	A				

ITEM NO.		QTY REQD		1	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:					
DECIMALS		ANGLES			
±0.010		±0.01			
MATERIAL		DRAWN		NAME	
		CHECKED		David Zepkin	
FINISH		ENG APPR.		DATE	
				2004-10-20	
DO NOT SCALE DRAWING		COMMENTS:			
		ENG APPR.			
		CHECKED			
		DRAWN			
		NAME			
		DATE			
		2004-10-20			
		David Zepkin			
		CHECKED			
		DRAWN			
		NAME			
		DATE			
		2004-10-20			
		David Zepkin			
		CHECKED			
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		NAME			
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		NAME			
		DATE			
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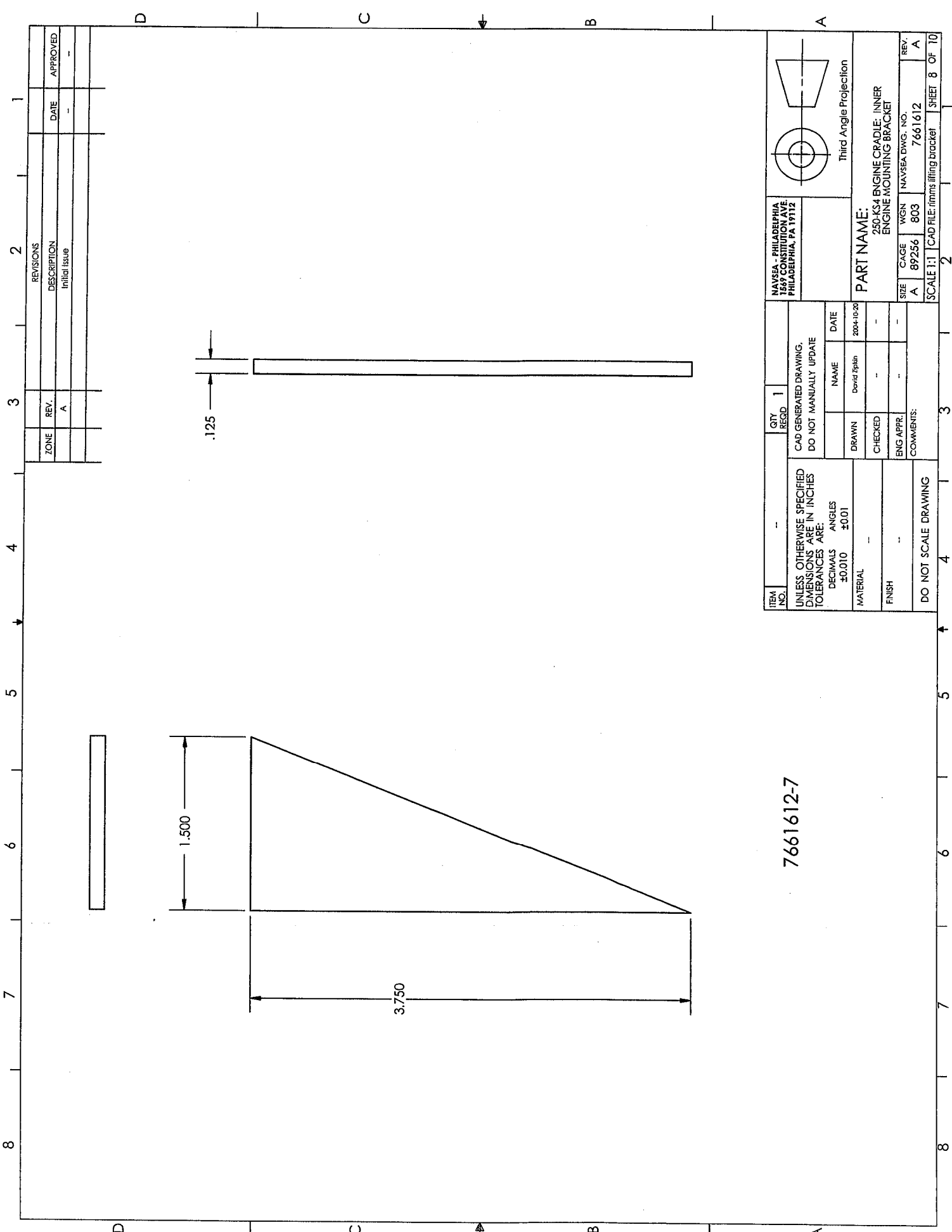


ITEM NO.	1	QTY REQD	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ±0.010 ANGLES ±0.01°			
MATERIAL	250-KS4 ENGINE CRADLE, INNER ENGINE MOUNTING BRACKET		
FINISH	ZINC PLATE		
DO NOT SCALE DRAWING			
DRAWN		NAME	DATE
CHECKED		David Zepkin	2004-10-20
ENG APPR.		-	
COMMENTS:			
NAVSEA - PHILADELPHIA 1569 CONSTITUTION AVE. PHILADELPHIA, PA 19112			
PART NAME:		250-KS4 ENGINE CRADLE, INNER ENGINE MOUNTING BRACKET	
SIZE	CAGE	WGN	REV.
A	89256	803	7661612
SCALE 1:1 CAD FILE: rirms lifting bracket			
SHEET 6 OF 10			



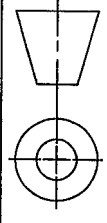
7661612-6

ITEM NO.		QTY REQD.		1	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:					
DECIMALS		ANGLES		DATE	
±0.010		±0.01		2004-10-20	
MATERIAL		DRAWN		NAME	
		CHECKED		David Zepher	
FINISH		ENG. APPR.		COMMENTS:	
NAVSEA - PHILADELPHIA 1549 CONSTITUTION AVE. PHILADELPHIA, PA 19112		CAGE WGN		NAVSEA DWG. NO.	
		A 89256 803		7661612	
PART NAME:		250-KS4 ENGINE CRADLE: INNER ENGINE MOUNTING BRACKET		REV. A	
SCALE 1:2		CAD FILE: rrrrrs lifting bracket		SHEET 7 OF 10	



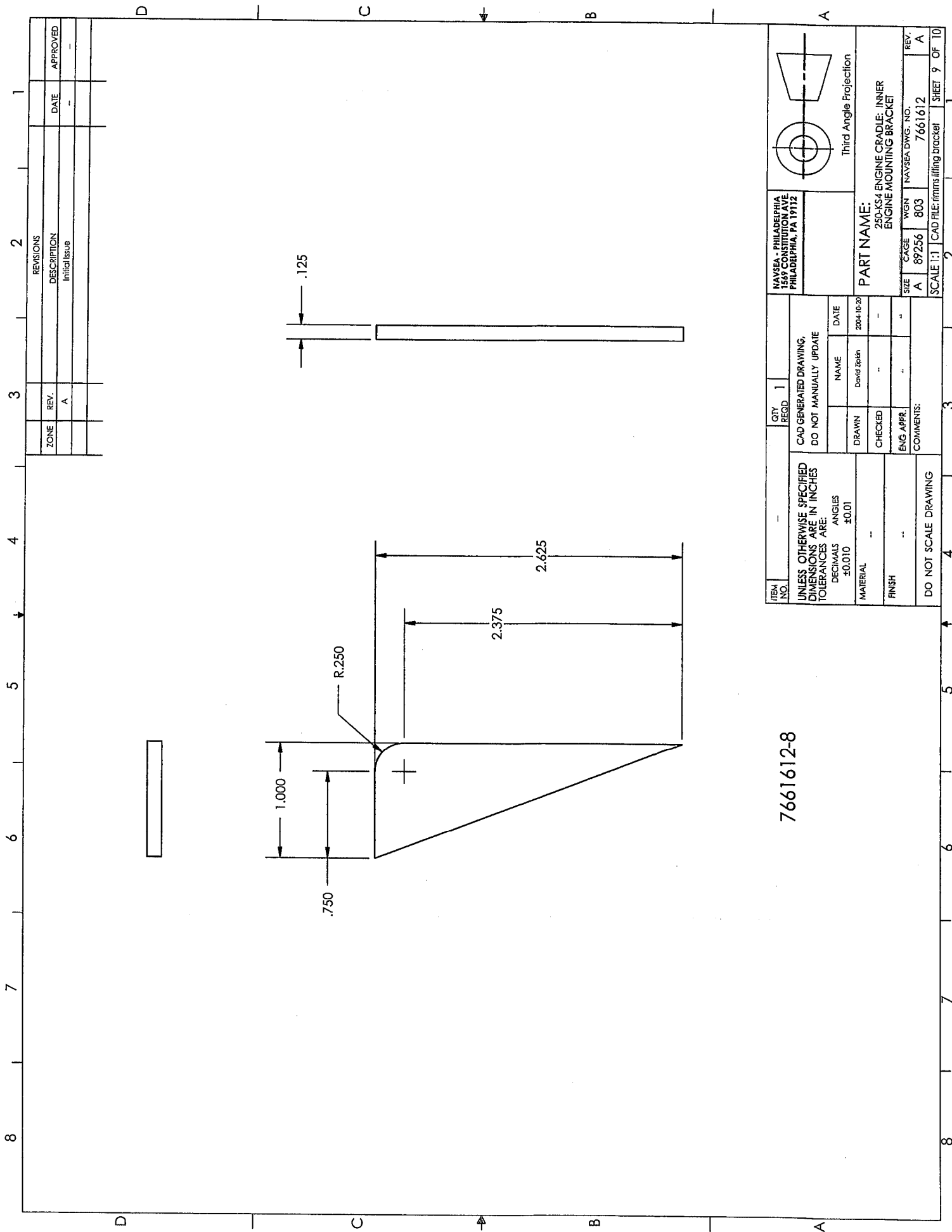
7661612-7

ITEM NO.	--		QTY	1	REGD		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE				
DECIMALS	±0.010	ANGLES	±0.01				
MATERIAL				DRAWN	NAME	DATE	
				CHECKED	David Zepkin	2004-10-20	
FINISH				ENG APPR.			
DO NOT SCALE DRAWING			COMMENTS:				
NAVSEA - PHILADELPHIA 1559 CONSTITUTION AVE. PHILADELPHIA, PA 19112							
PART NAME: 250-K34 ENGINE CRADLE: INNER ENGINE MOUNTING BRACKET							
SIZE	A	CAGE	89256	WGN	803	NAVSEA DWG. NO.	
						7661612	
REV.	A	REV.					
SCALE 1:1 CAD FILE: rimms filing bracket							
						SHEET 8 OF 10	



Third Angle Projection

REVISIONS		
ZONE	REV.	DATE
	A	
DESCRIPTION		
Initial Issue		
APPROVED		



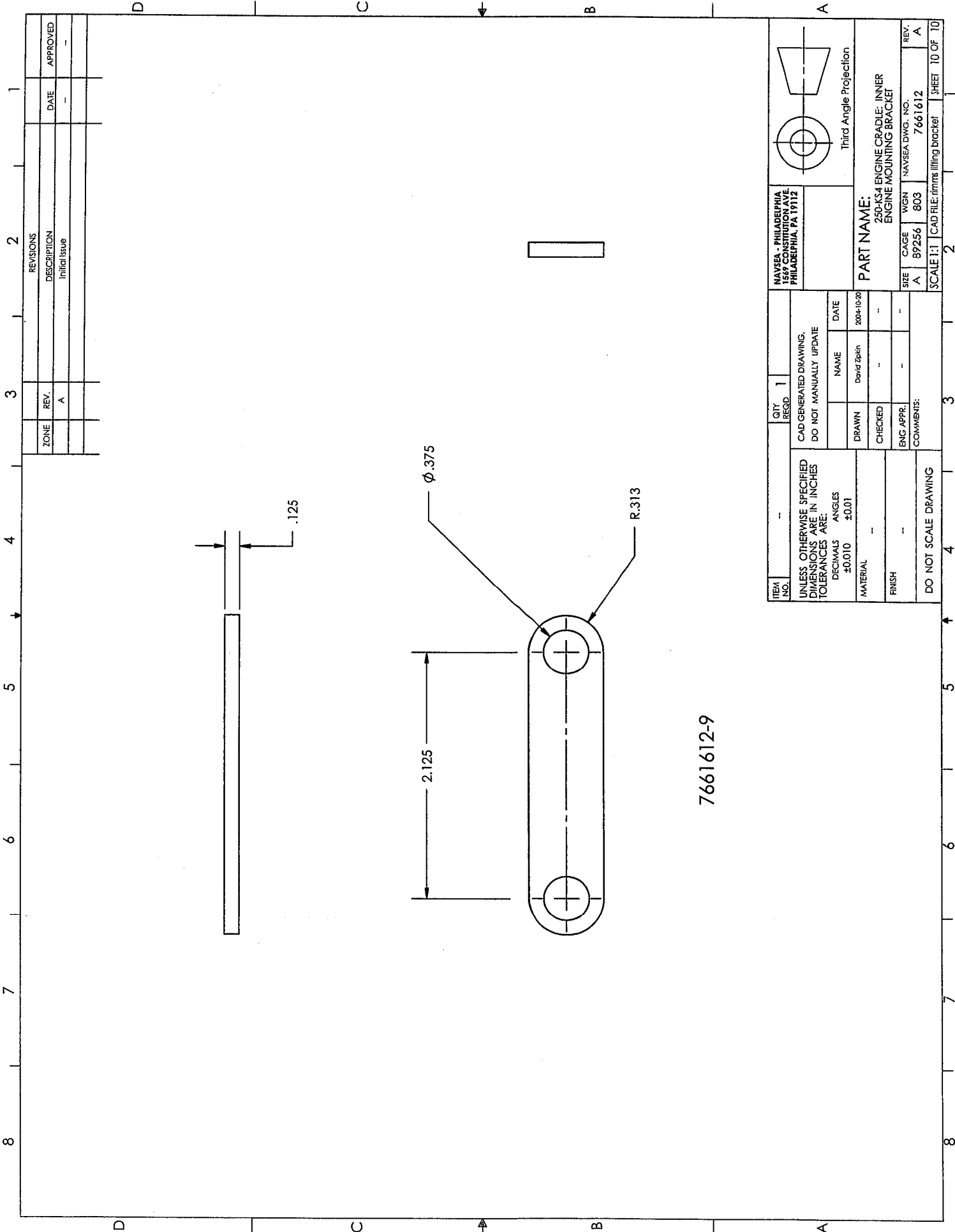
7661612-8

REVISIONS		
ZONE	REV.	DATE
	A	
Initial Issue		
APPROVED		

NAVSEA - PHILADELPHIA 1549 CONSTITUTION AVE. PHILADELPHIA, PA 19112		Third Angle Projection	
PART NAME: 250-KS4 ENGINE CRADLE: INNER ENGINE MOUNTING BRACKET		NAVSEA DWG. NO. 7661612	
SIZE	CAGE	WGN	REV.
A	89256	803	A
SCALE: 1:1 CAD FILE: rimms lifting bracket SHEET 9 OF 10			

ITEM NO.	QTY REQD	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ANGLES ±0.010 ±0.01		
MATERIAL		
FINISH		
DO NOT SCALE DRAWING		

DRAWN	NAME	DATE
CHECKED	David Zipten	2004-10-20
ENG APPR.		
COMMENTS:		
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		

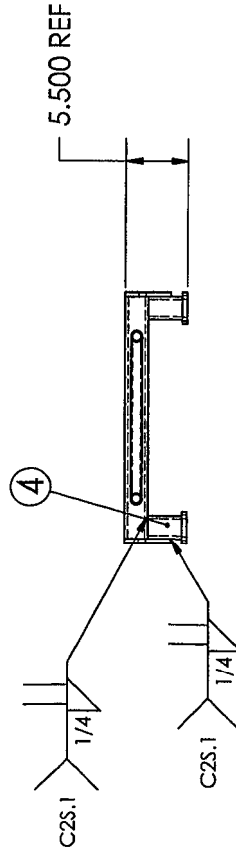
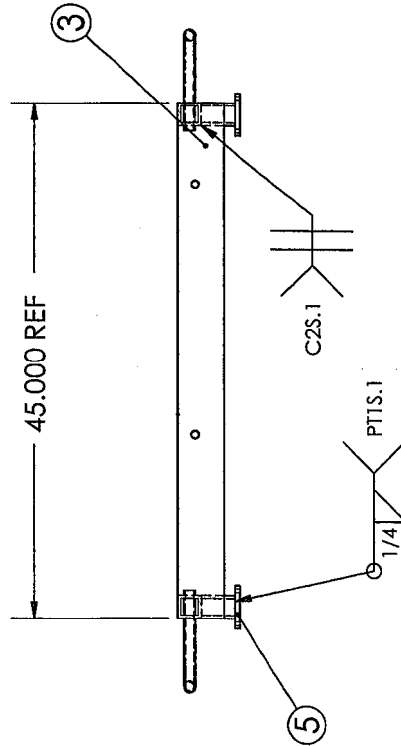
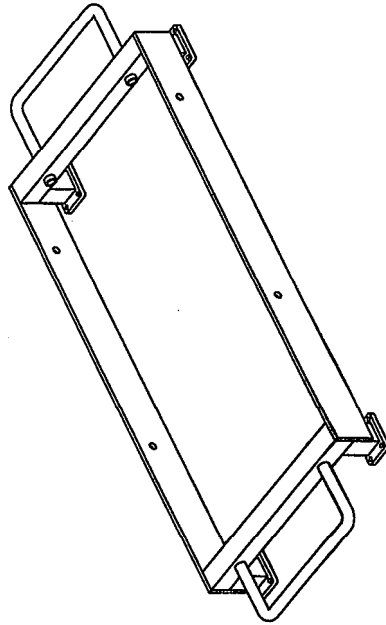
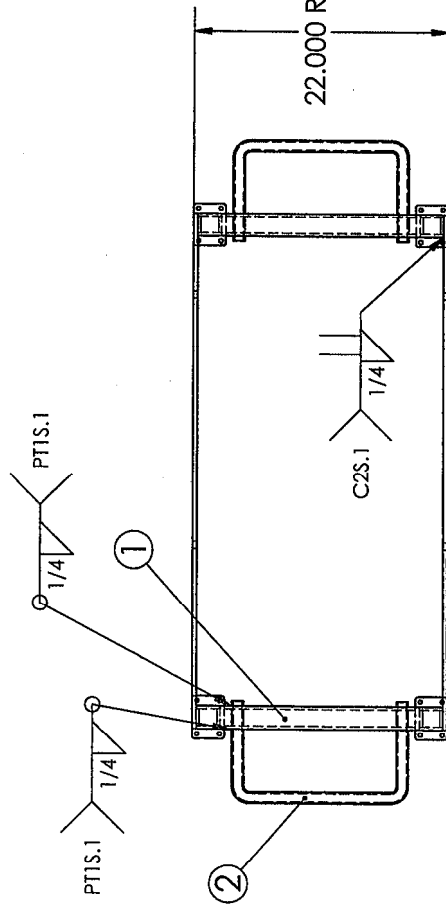


7661612-9

ITEM NO.	1	QTY REQD	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			
DECIMALS	ANGLES		
±0.010	±0.01		
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			
CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE			
DRAWN	NAME	DATE	
CHECKED	David Zepth	2004-10-20	
ENG APPR.			
COMMENTS:			
NAVSEA - PHILADELPHIA 1569 CONSTRUCTION AVE PHILADELPHIA, PA 19112			
Third Angle Projection			
PART NAME: 250-K34 ENGINE CRADLE: INNER ENGINE MOUNTING BRACKET			
SIZE	CAGE	WGN	NAVSEA DWG. NO.
A	89256	803	7661612
SCALE: 1:1			REV. A
CAD FILE: rmmr lifting bracket			SHEET 10 OF 10

Distribution Statement A: Approved for public release; Distribution unlimited.

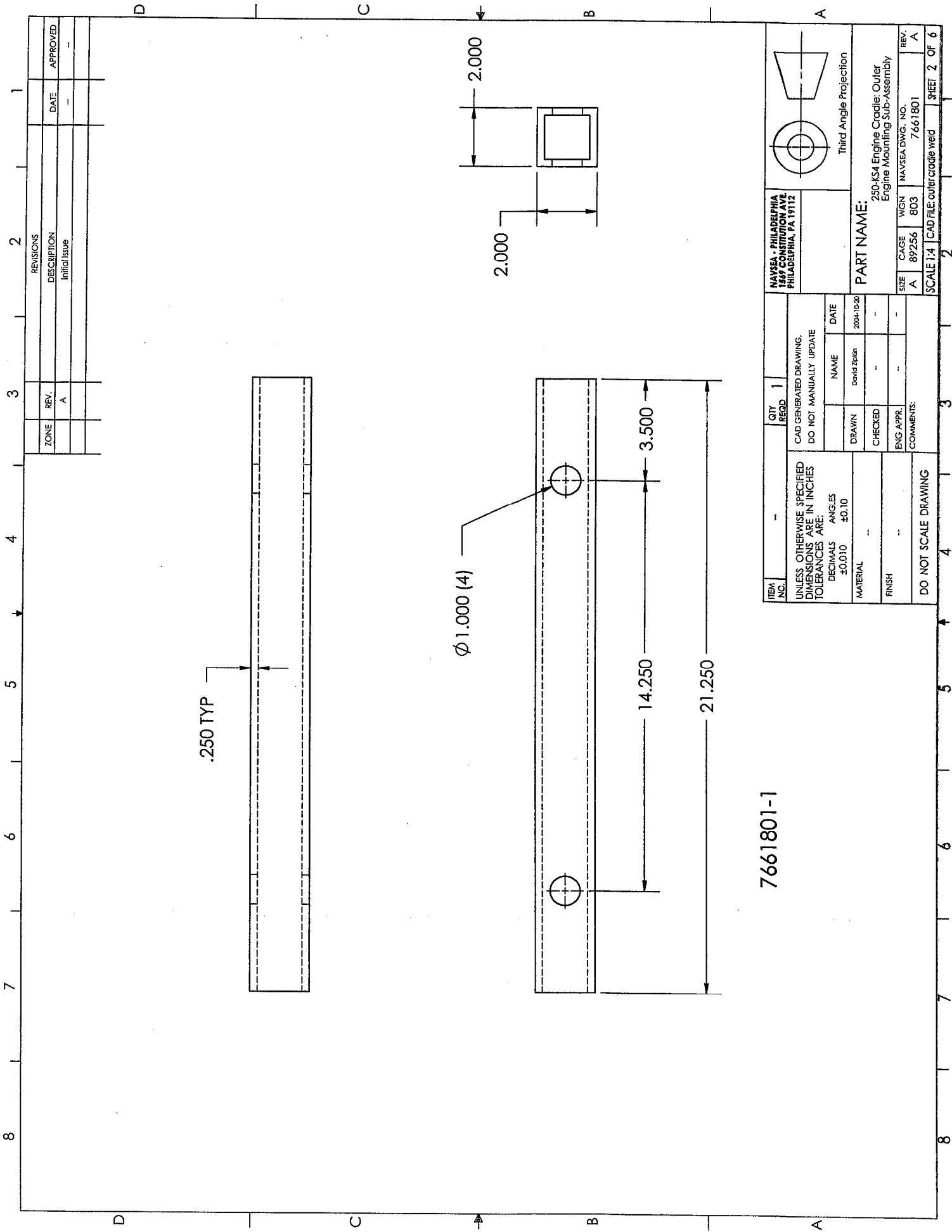
REV. A		REV. A		REV. A		REV. A		REV. A	
ZONE	REV.	DESCRIPTION	DATE	APPROVED	ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	Initial Issue				A	Initial Issue		



ITEM NO.		QTY		REQD		PARTS LIST	
4	7661801-5	1	1	1	1	Sheet Stock: 3.75" x 2.75" x 0.5"	AMS 4027
4	7661801-4	1	1	1	1	Square Tube Stock: 2" x 2" x 0.25" Wall: 3" Long	AMS 4150
2	7661801-3	1	1	1	1	Sheet Stock: 45" x 4" x 0.375"	AMS 4027
2	7661801-2	1	1	1	1	Round Tube Stock: 1" OD x 0.125" Wall Thickness	AMS 4150
2	7661801-1	1	1	1	1	Square Tube Stock: 2" x 2" x 0.25" Wall: 21.25" Long	AMS 4150
-1	FSCM NO.	PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION		MATERIAL SPECIFICATION	
QTY REQD	PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION		MATERIAL SPECIFICATION		ITEM NO.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ANGLES ±0.010 ±0.10		CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		NAME DATE David Zepin 2004-10-20	
MATERIAL		DRAWN		CHECKED	
FINISH		ENG APPR.		COMMENTS:	
DO NOT SCALE DRAWING		PART NAME:		250-KS4 Engine Cradle: Outer Engine Mounting Sub-Assembly	
NAVSEA - PHILADELPHIA 1000 SHIPYARD AVENUE PHILADELPHIA, PA 19112		SIZE		CAGE WGN NAVSEA DWG. NO. REV.	
		A 89256 803		7661801 A	
		SCALE 1:1		CAD FILE: outer_cradle_weld SHEET 1 OF 6	

Note:
1. Break all sharp edges/Remove all burrs
2. Welding shall conform to NAVSEA S9074-AR-GIB-010/278, class M-2, category C, process GMAW or GTAW, weld and inspection symbols used herein conform to ANSI/AWS A2.4



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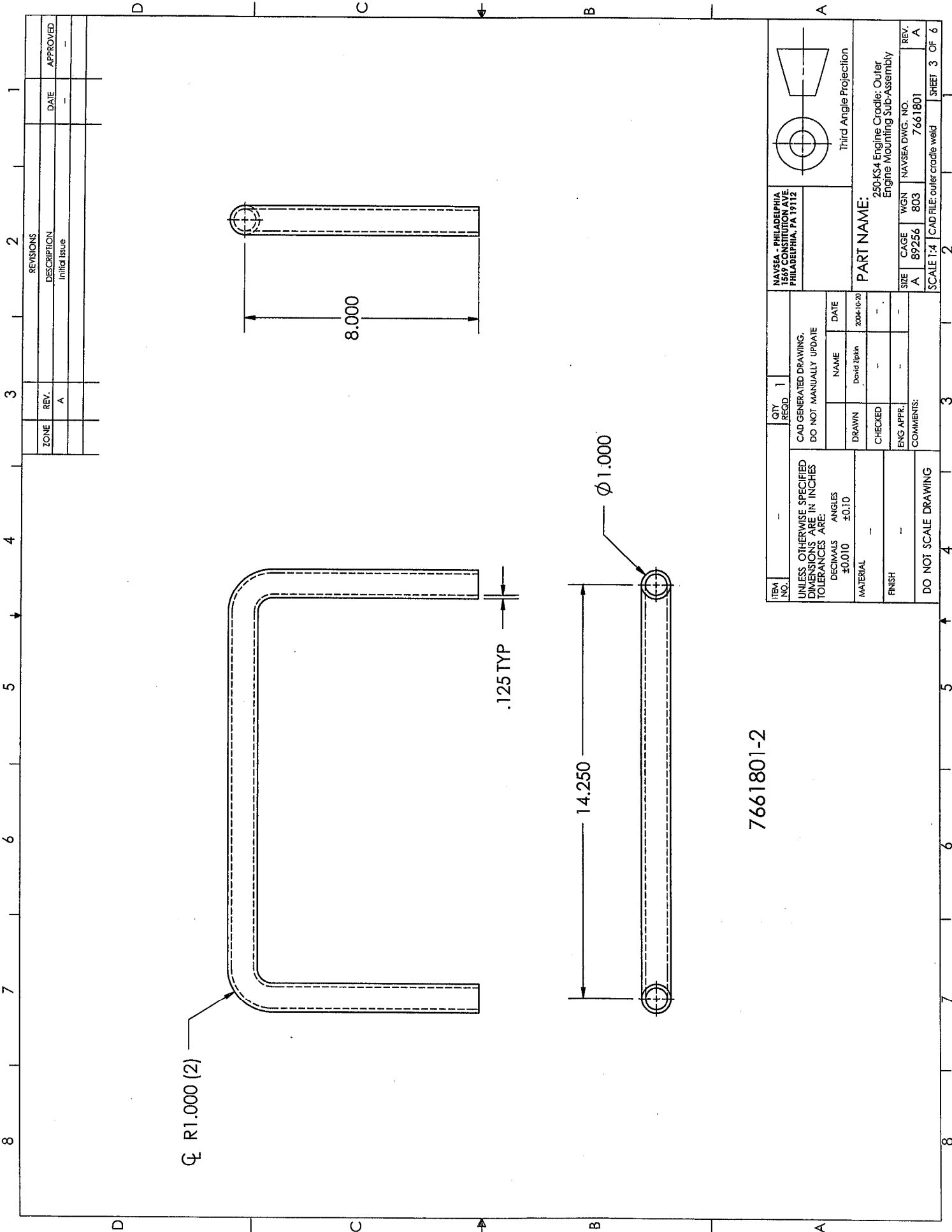
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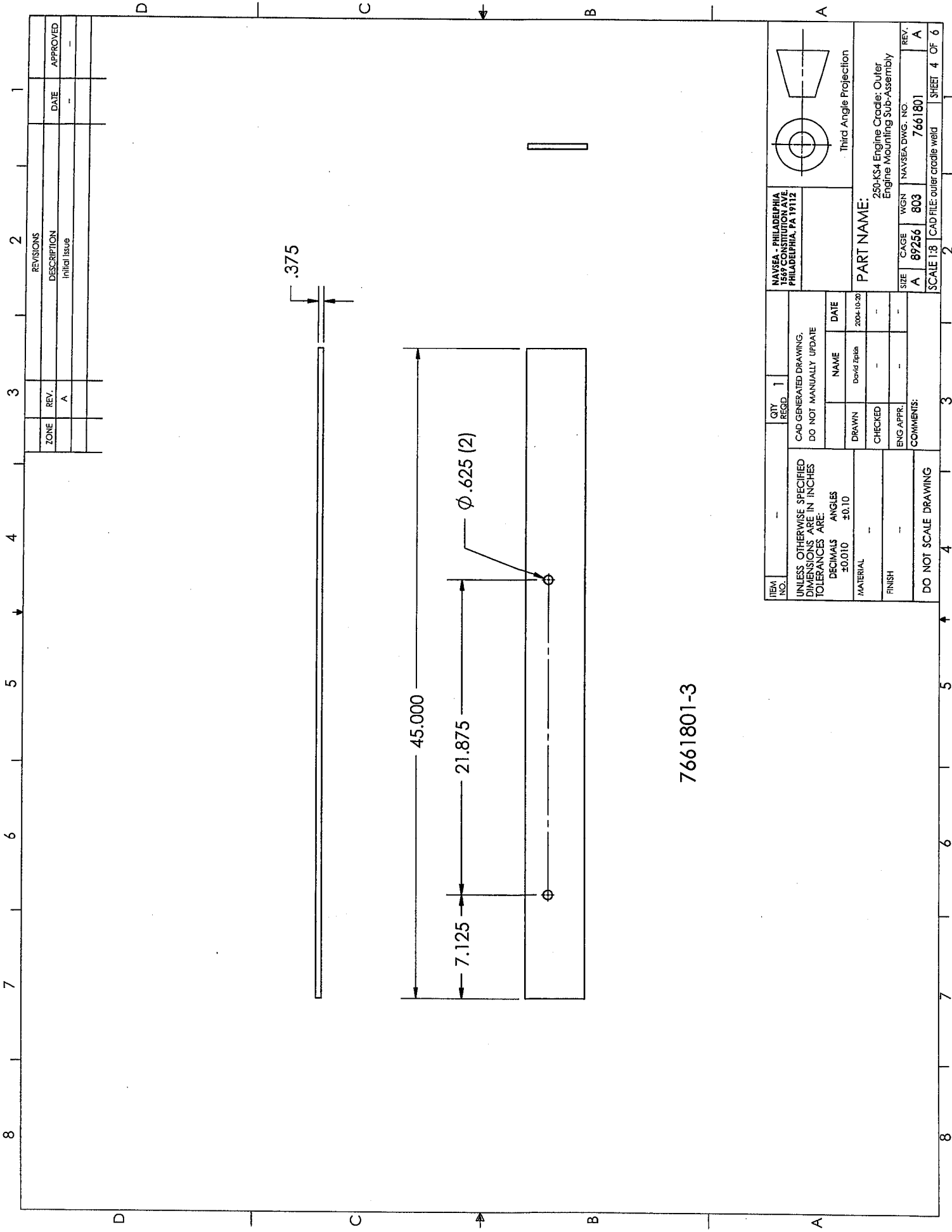
7661801-1

ITEM NO.	1	QTY REQD	1
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DECIMALS	ANGLES	DATE	
±0.010	±0.10	2004-10-20	
MATERIAL	FINISH	DRAWN	CHECKED
		David Zepher	
DO NOT SCALE DRAWING			
COMMENTS:			
NAVSEA - PHILADELPHIA 1841 CONSTITUTION AVE PHILADELPHIA, PA 19112			
PART NAME: 250-134 Engine Cradle: Outer Engine Mounting Sub-Assembly			
SIZE	CAGE	WGN	NAVSEA DWG. NO.
A	89256	803	7661801
REV. A			
SCALE 1:4 CAD FILE: outer cradle weld			
SHEET 2 OF 6			

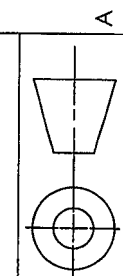


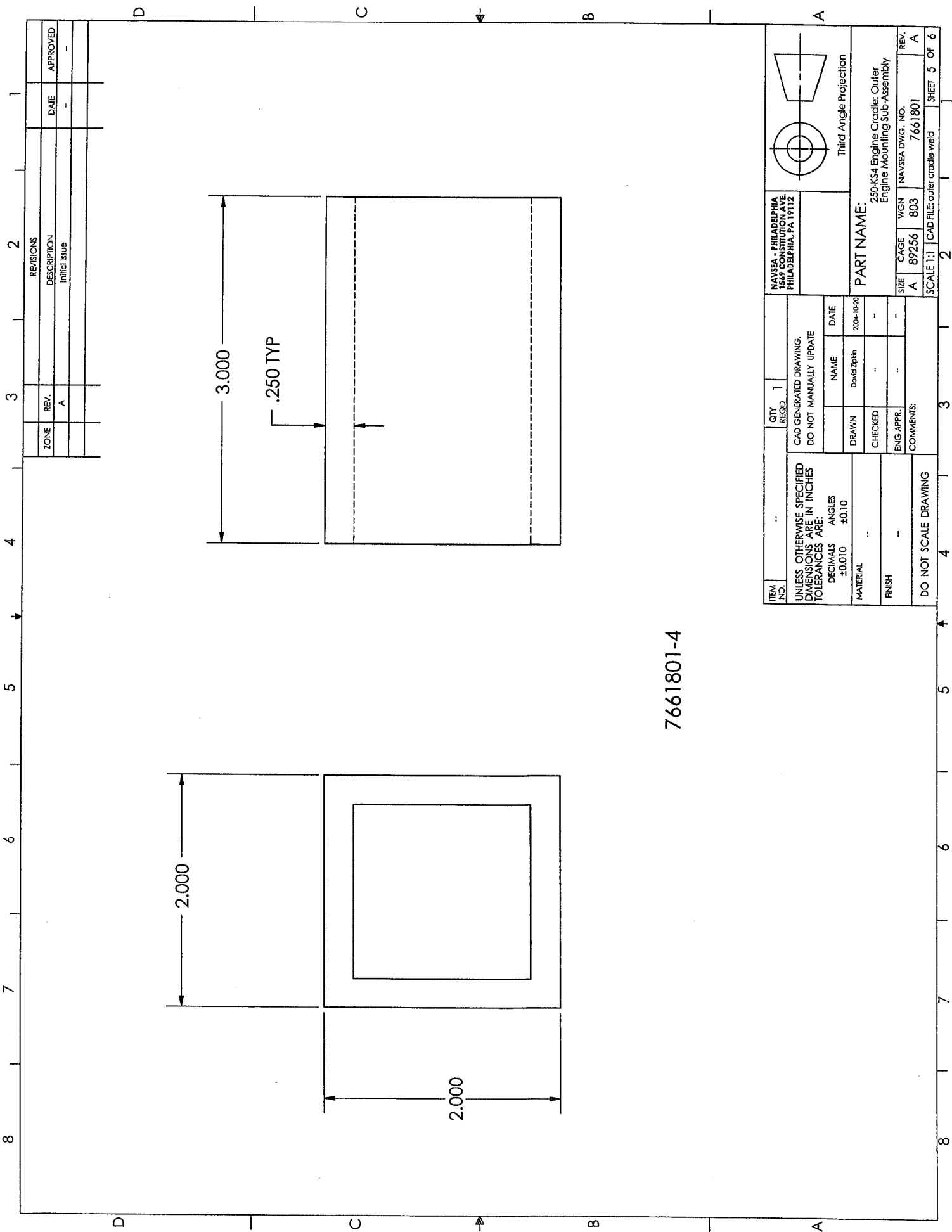
REVISIONS			DATE	APPROVED
ZONE	REV.	DESCRIPTION		
	A	Initial Issue		

NAVSEA - PHILADELPHIA 1569 CONSTITUTION AVE. PHILADELPHIA, PA 19112		QTY REQD. 1		CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE	
PART NAME: 250-KS4 Engine Cradle: Outer Engine Mounting Sub-Assembly		NAME David Zepien		DATE 2004-10-20	
SCALE 1:4 CAD FILE: outer cradle weld		DRAWN		CHECKED	
SIZE A 89256 803 7661801		ENG APPR.		COMMENTS:	
NAVSEA DWG. NO. 7661801		FINISH		DO NOT SCALE DRAWING	
REV. A		SHEET 3 OF 6			



ITEM NO.		QTY REQD.		1	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE			
DECIMALS		ANGLES		DATE	
±0.010		±0.10		2004-10-20	
MATERIAL		NAME		DRAWN	
FINISH		CHECKED		ENG APPR.	
DO NOT SCALE DRAWING		COMMENTS:		REV.	
SIZE		CAGE		WGN	
A		89256		803	
SCALE 1:8		CAD FILE: outer cradle weld		SHEET 4 OF 6	

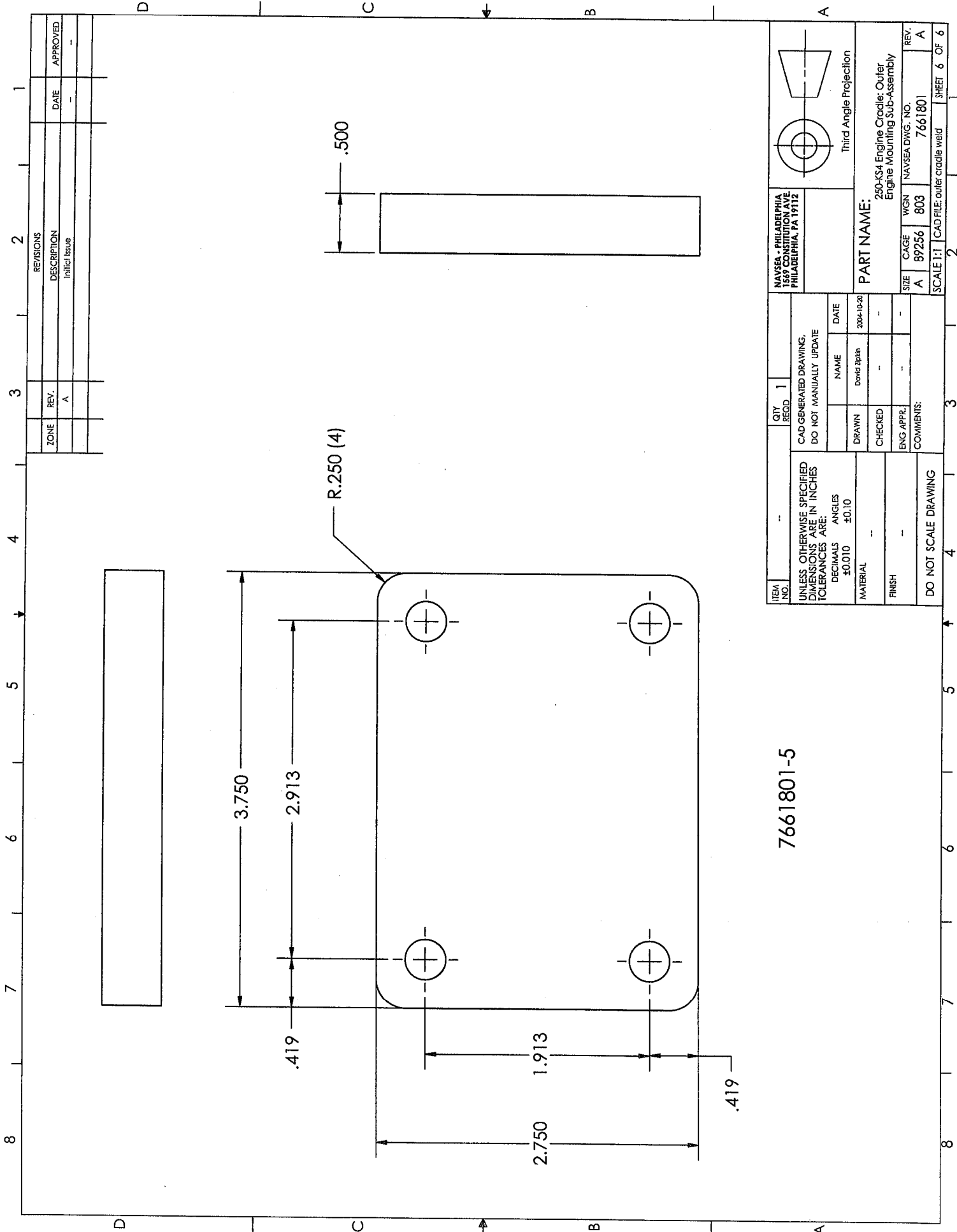




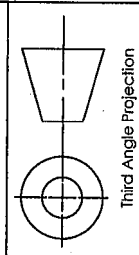
7661801-4

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	Initial Issue	-

ITEM NO. 1	QTY REQD. 1	NAVSEA - PHILADELPHIA 1801 CONSTITUTION AVE. PHILADELPHIA, PA 19112	Third Angle Projection
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		PART NAME: 250-KS4 Engine Cradle: Outer Engine Mounting Sub-Assembly	
DECIMALS ±0.010	ANGLES ±0.10	DATE 2004-10-20	REV. A
MATERIAL	DRAWN	CHECKED	NAVSEA DWG. NO. 7661801
FINISH	ENG APPR.	COMMENTS:	SCALE 1:1 CAD FILE: outer cradle weld
DO NOT SCALE DRAWING		SHEET 5 OF 6	



7661801-5



Third Angle Projection

NAVSEA - PHILADELPHIA
1559 CONSTITUTION AVE
PHILADELPHIA, PA 19112

PART NAME:

250-SS4 Engine Cradle: Outer
Engine Mounting Sub-Assembly

SIZE	CAGE	WGN	NAVSEA DWG. NO.	REV.
A	89256	803	7661801	A

SCALE 1:1 CAD FILE: outer_cradle_weld

SHEET 6 OF 6

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	Initial Issue	-

ITEM NO.	--	QTY REQD	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	
		NAME	DATE
		DRAWN	2004-10-20
DECIMALS ±0.010		CHECKED	--
ANGLES ±0.10		ENG APPR.	--
MATERIAL		COMMENTS:	
FINISH			
DO NOT SCALE DRAWING			